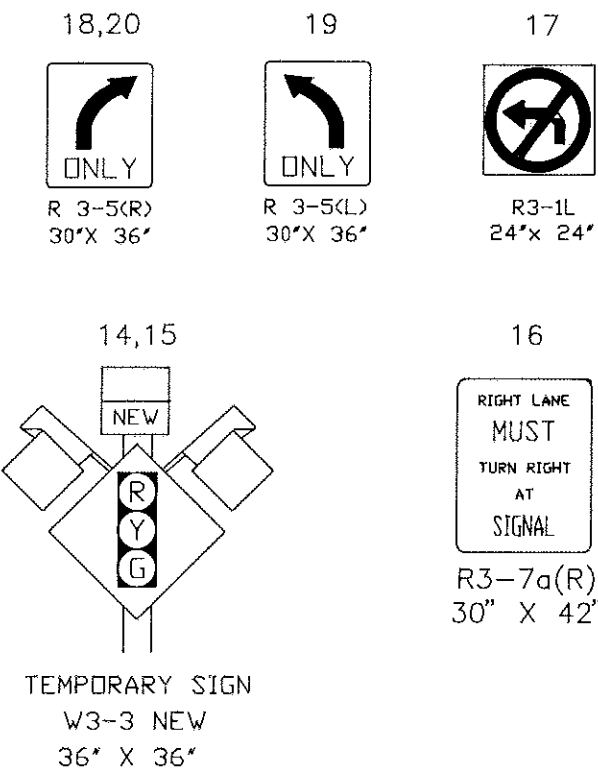
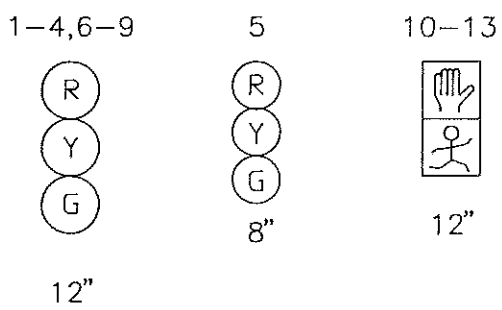


F H W A REGION NO.	STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
3	MD			

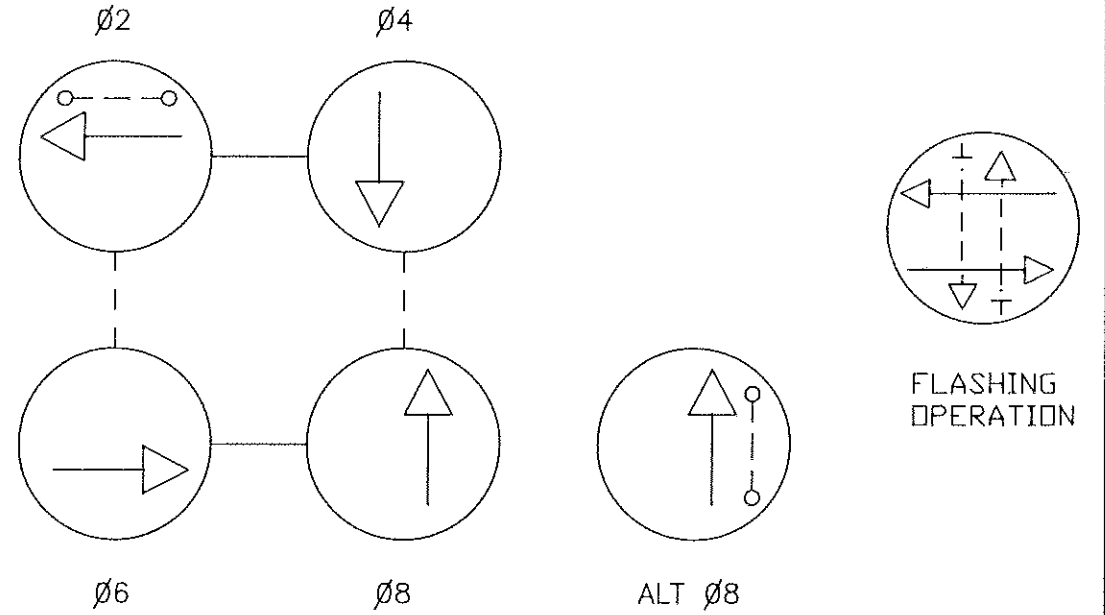
# SIGNS



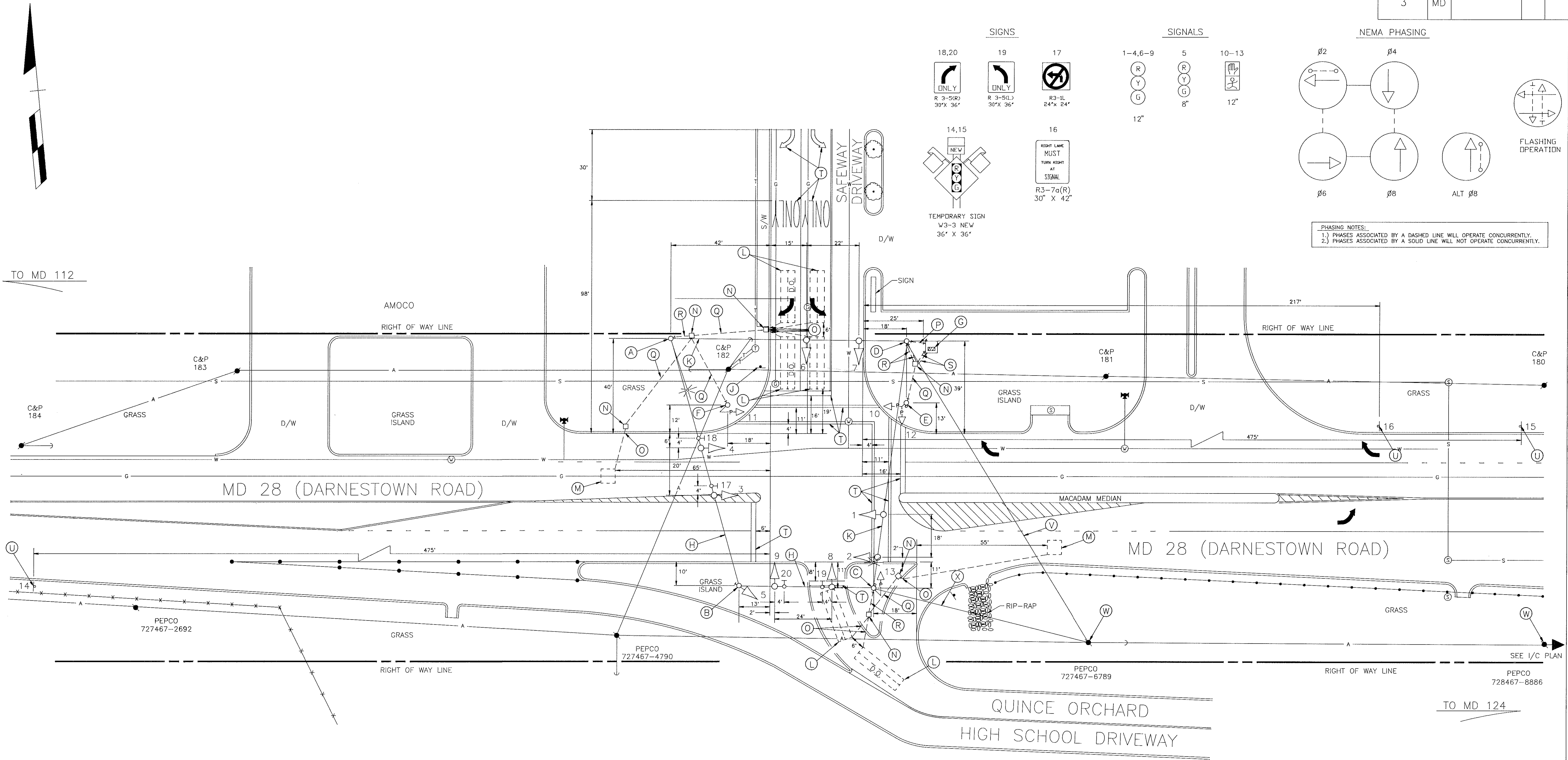
# SIGNALS



# NEMA PHASING



PHASING NOTES:  
1.) PHASES ASSOCIATED BY A DASHED LINE WILL OPERATE CONCURRENTLY.  
2.) PHASES ASSOCIATED BY A SOLID LINE WILL NOT OPERATE CONCURRENTLY.



# GEOMETRIC LEGEND

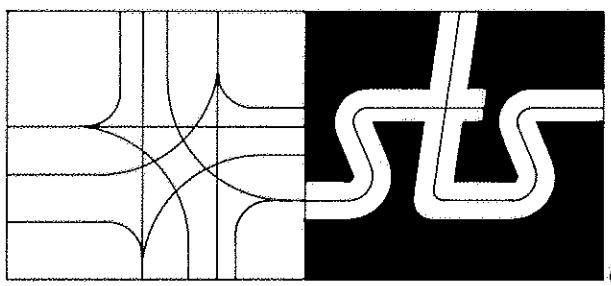
PROPOSED \_\_\_\_\_  
EXISTING \_\_\_\_\_

# LEGEND OF UNDERGROUND AND OVERHEAD UTILITIES

AERIAL CABLE — A — A — A  
ELECTRIC — E — E — E  
TELEPHONE — T — T — T  
GAS — G — G — G  
SEWER — S — S — S  
WATER — W — W — W  
CABLE TV — TV — TV — TV

# GENERAL NOTES:

1. Pavement markings detailed are proposed and are to be installed by the Contractor in accordance with S.H.A. standards.
2. "D.O." indicates a delay-output loop detector.
3. The loop detectors and conduit are to be installed prior to the installation of the pavement markings.
4. A separate disconnect switch is required for street lighting and will be located on the strain pole detailed "D".



**STREET TRAFFIC STUDIES, LTD.**  
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1302 Concourse Drive, Suite 104  
Linthicum, Maryland 21090  
(410) 859-3553

# REVISIONS

# APPROVALS

*for Steve Romo 7/20/93*  
CHIEF, SIGNAL DESIGN SECTION

*Ronald L. Webb 7/24/93*  
CHIEF, TRAFFIC ENGINEERING DESIGN DIVISION

*DRH 1/4*  
DIRECTOR, OFFICE OF TRAFFIC AND SAFETY

**MDOT - STATE HIGHWAY ADMINISTRATION**  
Office of Traffic and Safety  
TRAFFIC ENGINEERING DESIGN DIVISION

SIGNAL NUMBER: \_\_\_\_\_ LOG MILE: 15002815.51  
DRAWN BY: S.R.BARANOWSKI (FOR STS)  
DES. BY: R.R.ZACHERL (FOR STS)  
CHK. BY: \_\_\_\_\_  
DATE: 7-19-93 F.A.P. NO. \_\_\_\_\_ TS/STD. NO. 3351  
SCALE: 1"=20' S.H.A. NO. BW-580-802-312 SHEET NO. 1 OF 2